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DSIR LNU N.579

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Immunobiol, No 11, 1947, pp 76-80. CIA D 407233

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Desp No 134, AmConsul, Aleppo, 24 Mar 1959.

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No. 11, 1964, pp. 711-716. MOD 113
111-11-65-1078

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JPRS 5517

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skiy, L. I. Khatsevich, S. I. Oganov, 9 pp.

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JPRS 7071

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Circuit Design of Envelope Feedback Loop in Radio
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Decrease with Height, by Zh. M. Khatukayeva,
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A, B, C and E. ~~Southern~~ ..
[About comparative studies of botulinus
toxin of the four types: A, B, C and E.
Report 1]
In: Kiev. Nauch.-Issled. Inst. Epidemiol. i
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p.188-189. Kiev, 1959. (Not in DA Lib.)

(In Russian)

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The Reproduction of Paradoxical Sensitivity to
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No 3, 1960, pp 73-75.

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About the Possibility of Reproduction of the
Phenomenon of Paradoxical Sensitivity in Respect
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Khatuntsev, V. V.
ABOUT THE POSSIBILITY OF STUDYING THE
MECHANISM OF BOTULINUS TOXICATION WITH
THE AID OF TETANUS TOXIN (O Vozmozhnosti
Izucheniya Mekhanizma Botulinicheskoi Intoksikatsii
pri Pomoshchi Stoitnyachnogo Toksina). 20 Apr 61,
5p. Trans. V-1681.
Order from OTS or SLA \$1.10

61-19768

Trans. of mono. Nauchno-Issledovatel'skii Institut
Epidemiologii i Mikrobiologii, Kiev. Materialy
Nauchnykh Konferentsii, Kiev, 1959, p. 183-185.

DESCRIPTORS: *Botulism toxoid, Toxicity, Tetanus
toxoid.

When the hind paw of mice was injected with 1/2
M. L. D. (minimum lethal dose) of type A botulinus
toxin, paralysis of the leg and abdominal muscles on
(Biological Sciences--Toxicology. TT, v. 6, no. 12)
(over)

I. Khatuntsev, V. V.
IL Trans-V-1681

Office of Technical Services

61-19769

Khatuntsev, V. V.
ABOUT THE CORRELATION OF TOXIC AND
ANTIGENIC STIMULATION AFTER THE INJECTION
OF BOTULINUS TOXIN, TYPE C AND E (O Vzaimoot-
nosheni Toksicheskogo i Antigennogo Razdrazheniya
pri Vvedenii Botulinicheskogo Toksina Tipa C i E).
19 Apr 61, 3p. Trans. V-1682.
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Trans. of mono. Nauchno-Issledovatel'skii Institut
Epidemiologii i Mikrobiologii, Kiev. Materialy
Nauchnykh Konferentsii, Kiev, 1959, p. 186-187.

DESCRIPTORS: *Botulism toxoid, Toxicity *Antigens

Mice were injected with large secondary doses of these
toxins. No immunity was developed for either toxin.
The summation of the toxic stimulation was slower for
type C than for type E. (See also 61-19768)
(Biological Sciences--Toxicology, TT, v. 6, no. 12)

I. Khatuntsev, V. V.
II. Trans-V-1682

Office of Technical Services

61-19770

Khatuntsev, V. V.
ABOUT COMPARATIVE STUDIES OF BOTULINUS
TOXIN OF THE FOUR TYPES: A, B, C, AND E,
REPT. 1 (O Sravnitel'nom izuchenii Botulinicheskogo
Toksina Chetyrekh Tipov: A, B, C, and E, Soobsh-
chenie 1). 19 Apr 61, 3p. Trans. V-1683.
Order from OTS or SLA \$1.10

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Epidemiologii i Mikrobiologii, Kiev. Materialy
Nauchnykh Konferentsii, Kiev, 1959, p. 188-189.

DESCRIPTORS: *Botulism toxoid, Toxicity.

Mice were injected with each of the four strains of
botulinus toxin to establish their differences. The
incubation period was shortest for the E type. Dura-
tion of the action was 2 or 3 days for the E-type,
6 days for the B-type, still longer for type C, and about
(Biological Sciences--Toxicology, TT, v. 6, no. 12)
(over)

I. Khatuntsev, V. V.
II. Trans-V-1683

Office of Technical Services

61-19771

Khatuntsev, V. V.
ABOUT COMPARATIVE STUDIES OF BOTULINUS
TOXIN OF THE FOUR TYPES: A, B, C, AND E,
REPT. 2 (O Sravnitel'nom Izucheni Botulinicheskogo
Toksina Chetyrekh Tipov- A, B, C i E, Soobshchenie
II). 20 Apr 61, 3p. Trans. V-1684.
Order from OTS or SLA \$1.10

61-19771

Trans. of mono. Nauchno-Issledovatel'skii Institut
Epidemiologii i Mikrobiologii, Kiev. Materialy
Nauchnykh Konferentsii, Kiev, 1959, p. 190-191.

DESCRIPTORS: *Botulism toxoid, Toxicity

Mice were injected with secondary doses of 1/5 to
1/25 M. L. D. (minimum lethal dose) of the 4 types of
botulinus toxins. Type B produced the severest
general reactions with no local reactions at site of in-
jection. Death occurred within 4 to 15 days. Type E
(Biological Sciences--Toxicology, TT, v. 6, no. 12)
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by daily injections into one of the lateral abdominal
walls of 1/5 to 1/10 minimum lethal doses of type C
toxin. The muscles of the abdomen, thigh and paw on
the side of the injection became weak, atrophied with
contracture of the paw. It is concluded that the toxin
acts on the tissues locally and not through the blood
stream. The spasmodic character of the lesions indi-
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DESCRIPTORS: *Cylindrical bodies, *Beams, *Elasticity, Load distribution, Mathematical analysis.

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